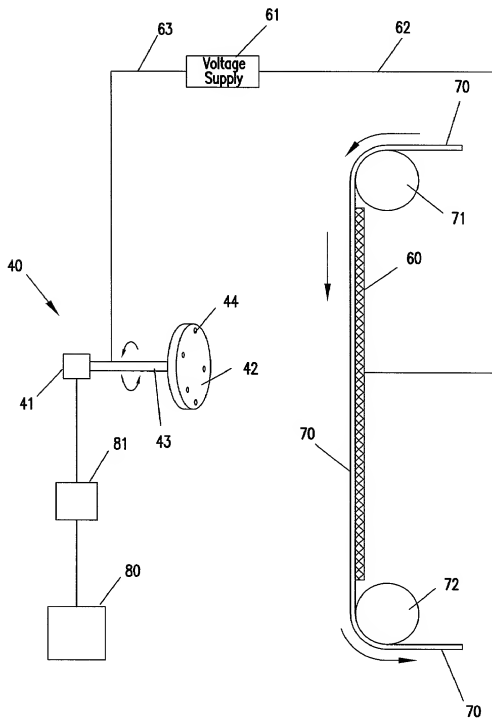
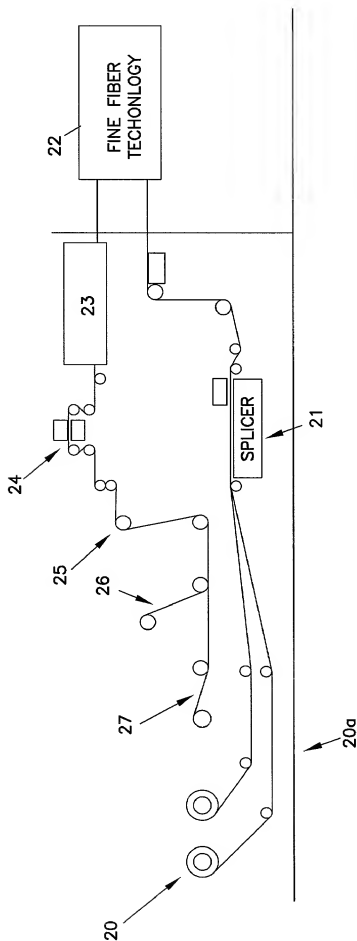


FIG. 1



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FIG. 2



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FIG. 3A

Cellulose Media

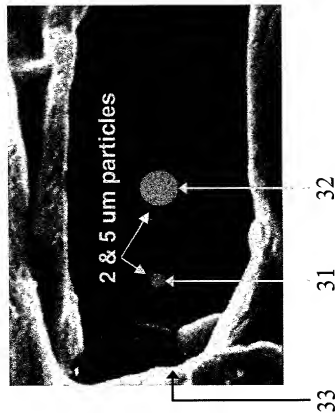
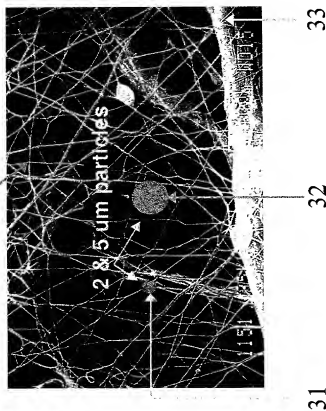


FIG. 3B

Ultra-Web



2,000 X Scanning Electron Microscope Images

FIG. 4

ESCA 01s SPECTRA FOR SAMPLE 6A AS SPAN

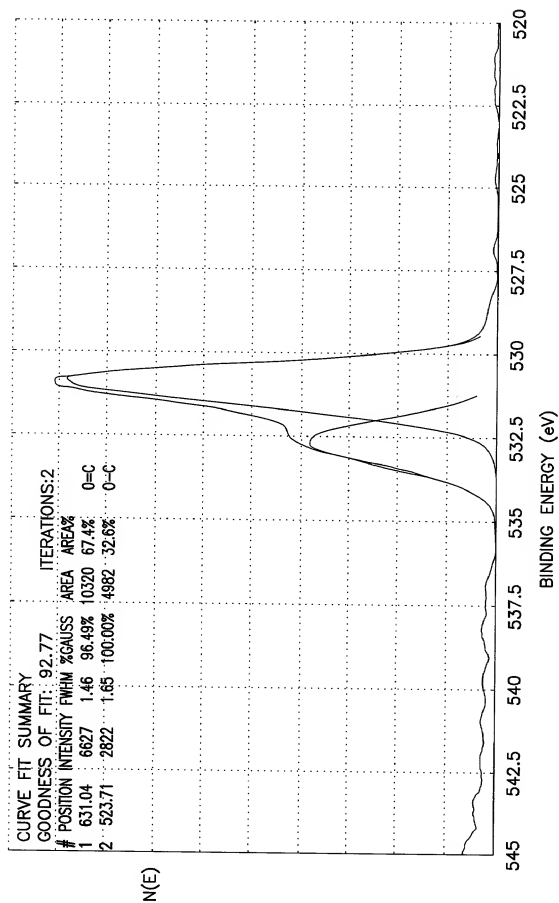


FIG. 5 ESCA 01s SPECTRA FOR HEAT-TREATED SAMPLE 6A

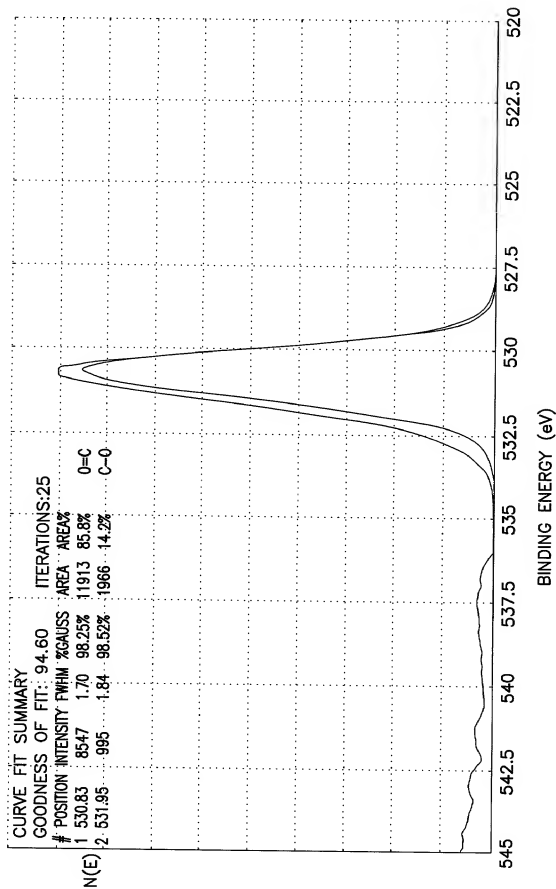
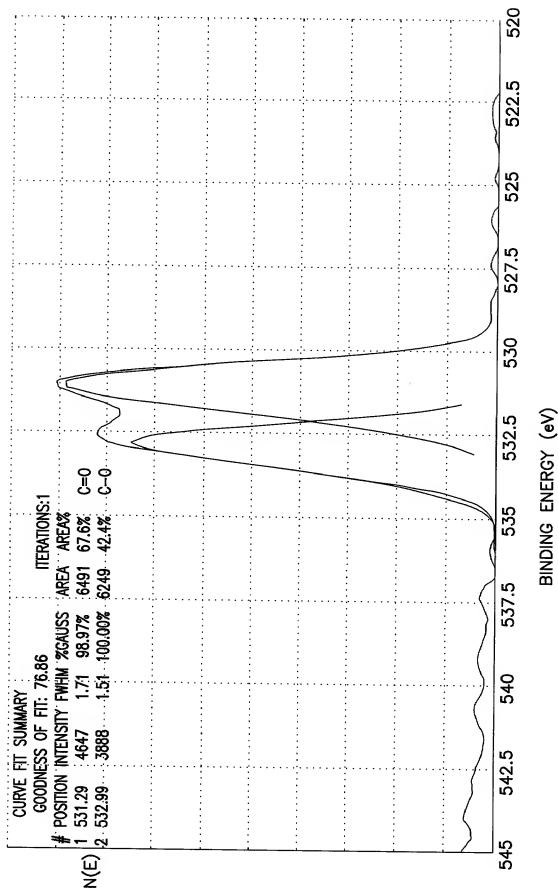


FIG. 6

ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B



ESCA O1s SPECTRA FOR HEAT-TREATED EXAMPLE 6B

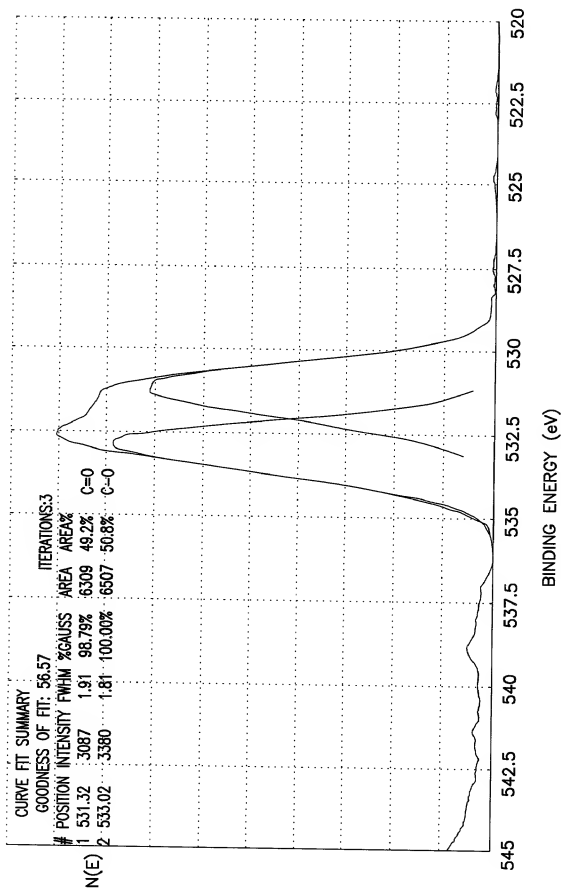


FIG. 8

ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A

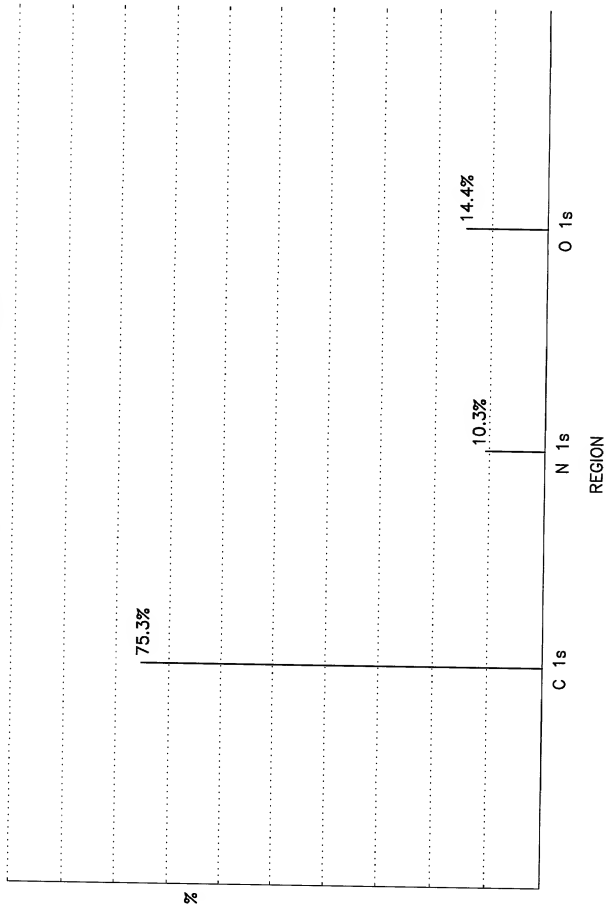
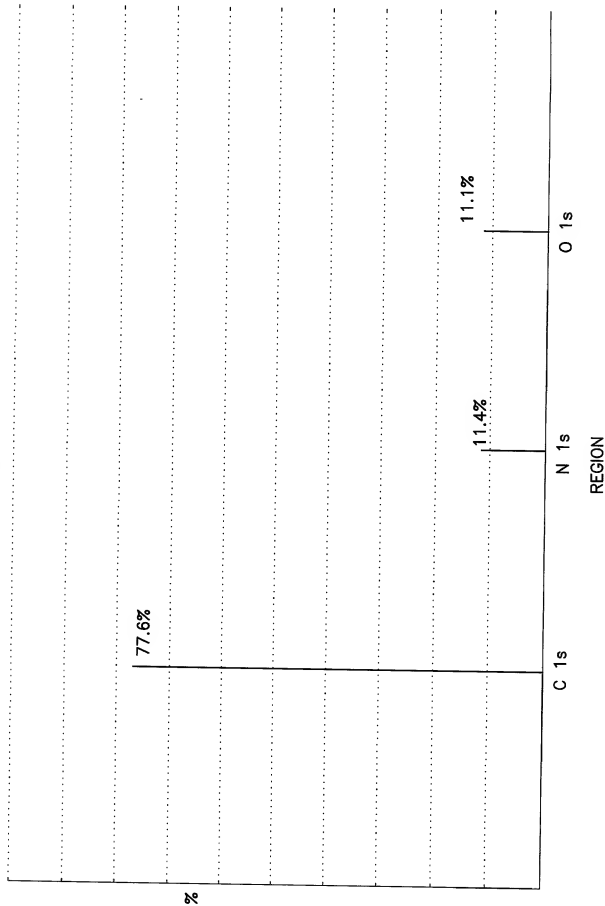




FIG. 9

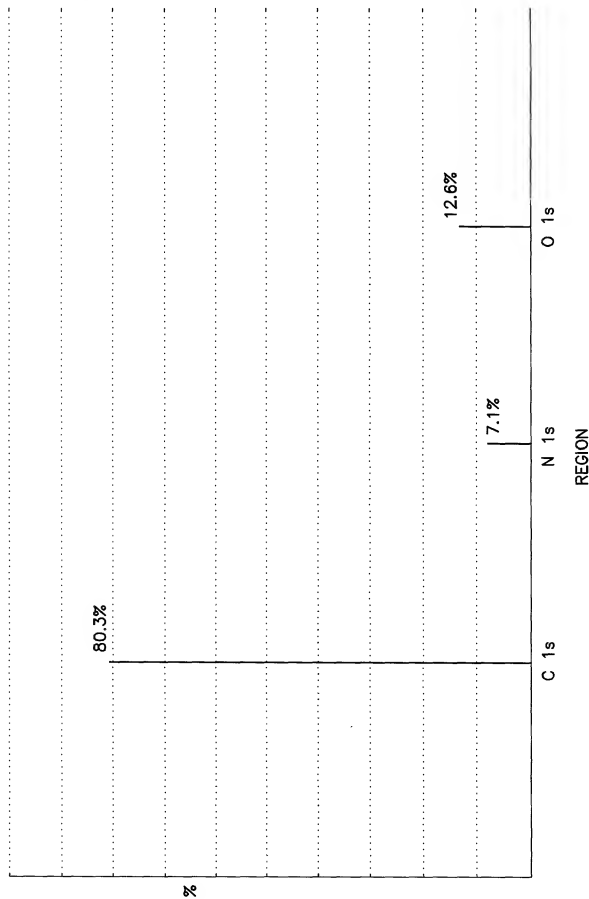
ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A



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FIG. 10

ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B



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FIG. 11

ESCA O1s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

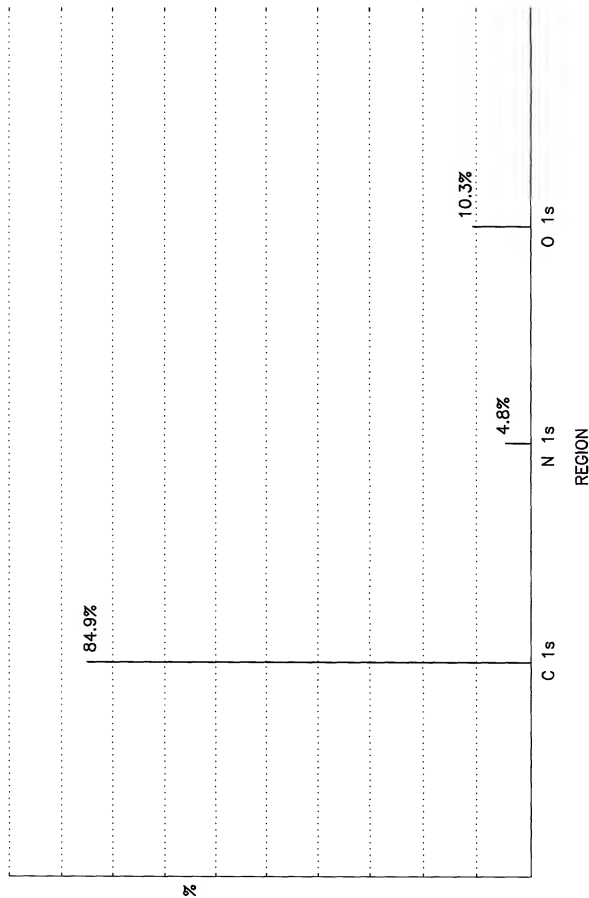


FIG. 12

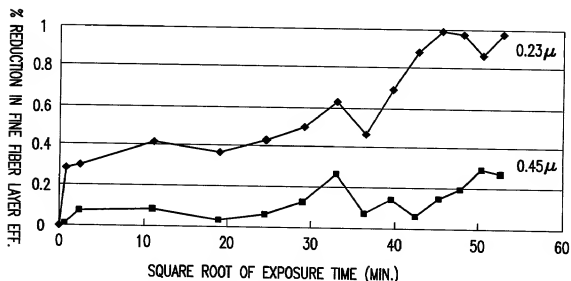
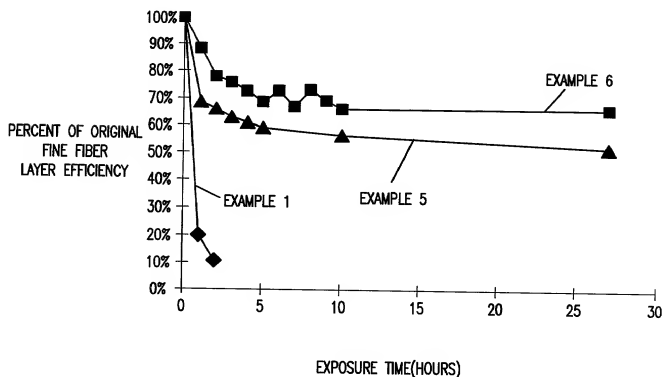


FIG. 13



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FIG. 14

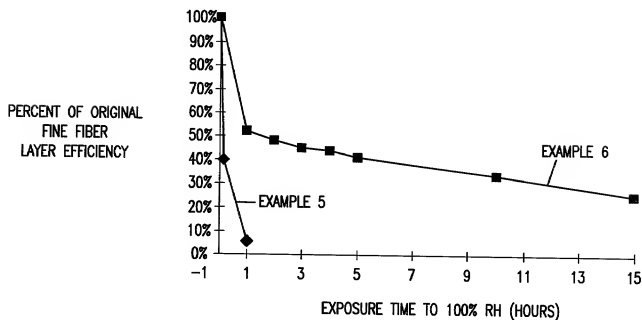


FIG. 15

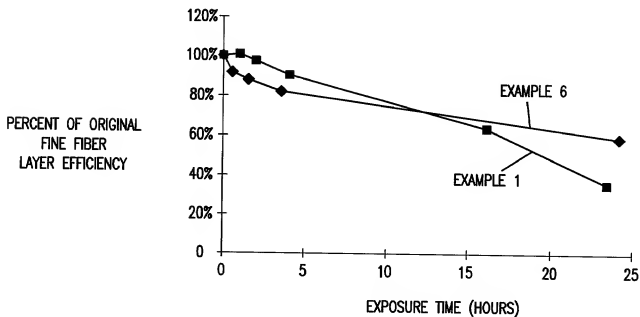
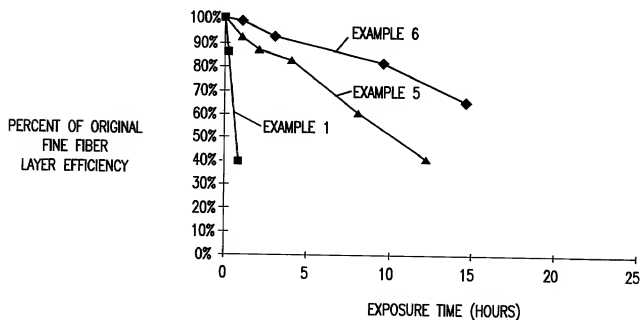
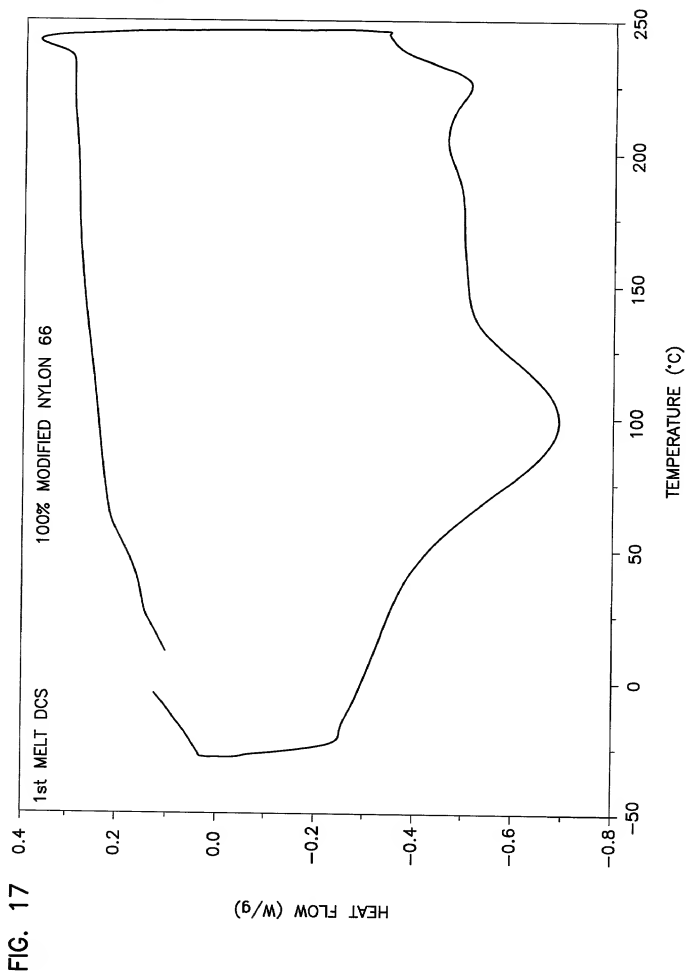


FIG. 16



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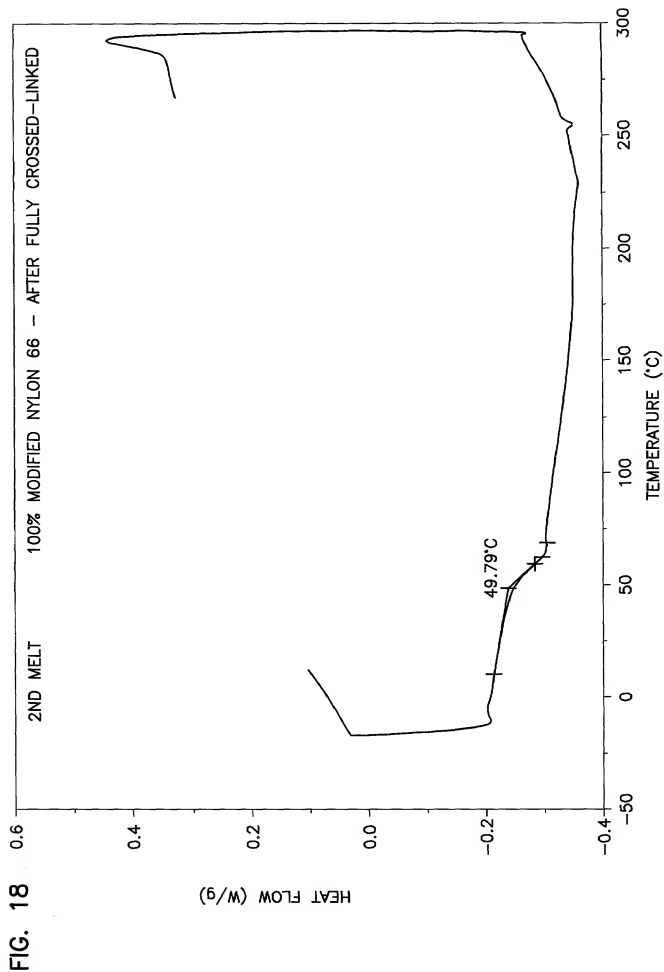
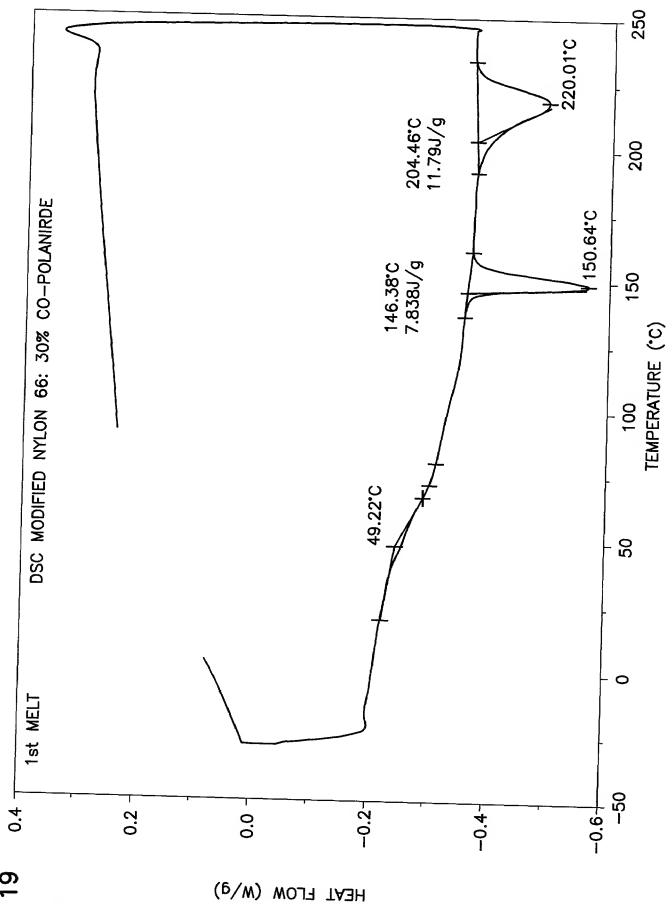




FIG. 19



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FIG. 20

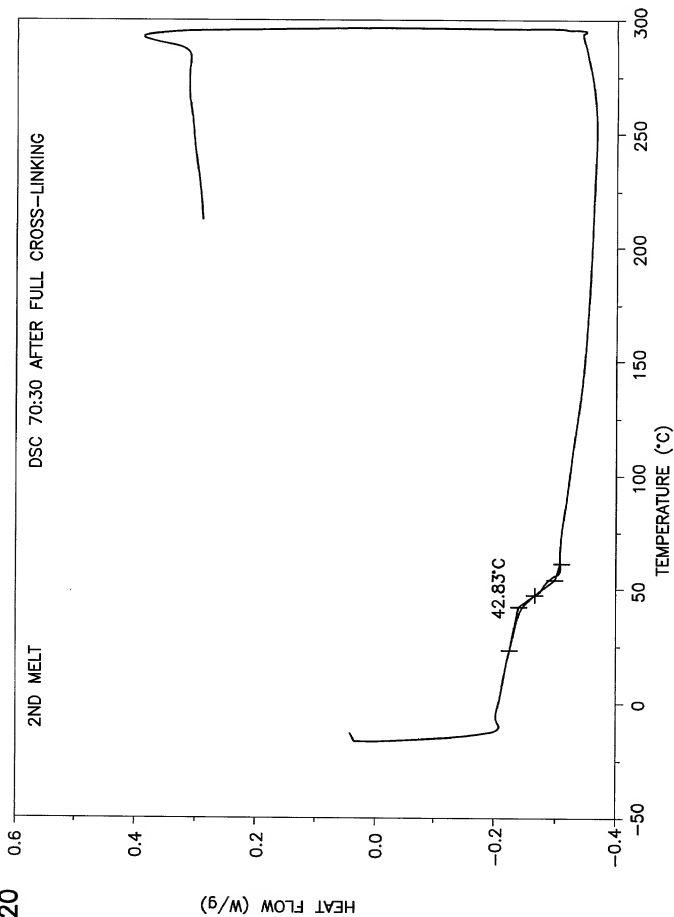
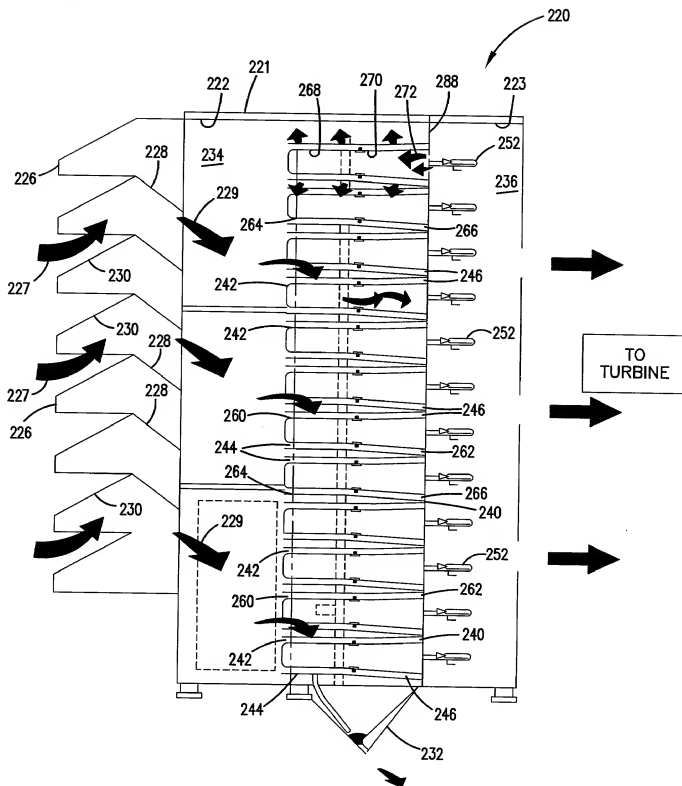
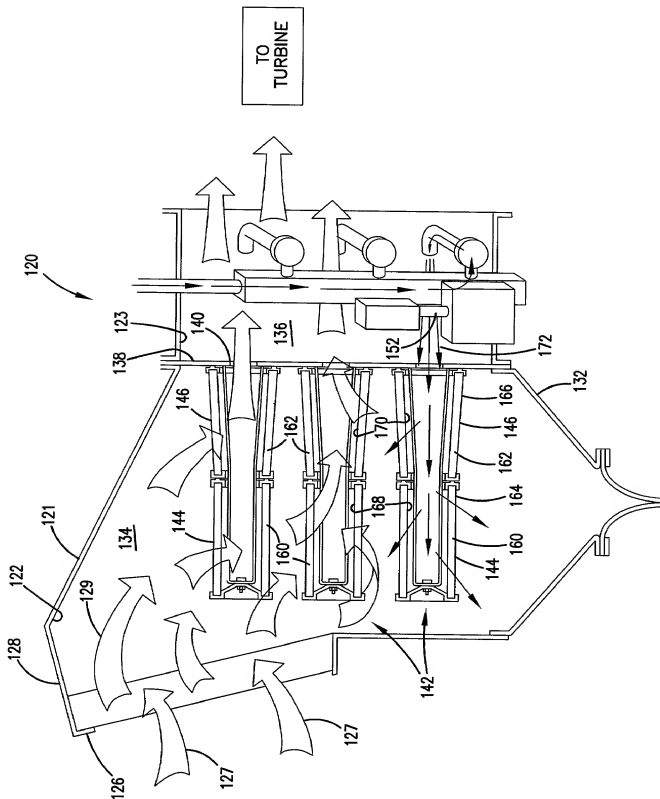


FIG. 21



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FIG. 22



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